

User's Guide to BEA Information

The Bureau of Economic Analysis (BEA) provides basic information on such key issues as economic growth, regional development, and the Nation's role in the world economy. This guide lists the most recent and most frequently requested BEA products and helps users locate and obtain that information.

The guide contains program descriptions and entries for specific products. The first section, entitled "General," describes the products that cut across the range of BEA's work. The following sections describe the products related to BEA's national, regional, and international economics programs.

General

BEA's current national, regional, and international estimates usually appear first in news releases. The information in news releases is available to the general public in a variety of forms: On recorded telephone messages, online through the Economic Bulletin Board[®] (EBB), by fax through STAT-USA/FAX, on the Internet through STAT-USA Internet[®], on BEA's Web site, and in printed *BEA Reports*. This section describes these products, as well as the SURVEY OF CURRENT BUSINESS—BEA's monthly journal of record. General information products produced by BEA, including BEA's home page on the Internet, are discussed first. This is followed by descriptions of electronic products and services available through the Department of Commerce's STAT-USA, which also disseminates BEA's economic data.

For more information on BEA's programs and products, write to the Public Information Office, BE-53, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230, or call (202) 606-9900; for telecommunications device for the deaf (TDD), call (202) 606-5335.

BEA products

1.1 SURVEY OF CURRENT BUSINESS (publication). A monthly journal containing estimates and analyses of U.S. economic activity. Most of BEA's work is presented in the SURVEY, either in full or in summary form. Includes the "Business Situation"—a review of current economic developments—and regular and special articles pertaining to the national, regional, and international economic accounts and related topics. Current estimates of the national income and product accounts (see program [description 2.o](#)) appear every month.

The SURVEY is available from the U.S. Government Printing Office (GPO): List ID SCUB, price \$35.00 per year (domestic second-class mail), \$43.75 (foreign second-class mail), or \$69.00 (domestic first-class mail); single copy price, \$11.00 (domestic) and \$13.75 (foreign). Foreign airmail delivery rates are available upon request from GPO. To order using Visa, MasterCard, or a GPO deposit account, call 202-512-1800 or fax 202-512-2250. To order by mail, send a check payable to the "Superintendent of Documents" to Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954. To order on-line, go to GPO's Web site at: [<http://www.gpo.gov/su.docs/sale.html>](http://www.gpo.gov/su.docs/sale.html).

1.2 SURVEY OF CURRENT BUSINESS (CD-ROM). Each CD-ROM contains all of the issues of a given year and selected articles from previous years with the look and feel of the printed version. A Windows version of Acrobat Exchange LE[®] software is included on the CD-ROM, enabling searches across the entire set of files. In addition, a "Copy Table to Clipboard" plug-in allow Windows users to easily extract statistical material from the SURVEY into spreadsheet format. The SURVEY files on the CD-ROM are in portable document format (PDF), a graphically oriented format that preserves

How To Use This Guide

Entries in this guide are arranged by program area. Each program area includes descriptions and schedules of current estimates, a list of products available, and telephone numbers for users who have questions or need assistance. Near the end of this guide is a subject list of BEA products.

Each BEA product is available from one of three sales agents, abbreviated as follows:

- BEA—Bureau of Economic Analysis
- GPO—U.S. Government Printing Office, Superintendent of Documents
- NTIS—National Technical Information Service

Each product’s listing identifies the sales agent and includes a stock number, accession number, or product number to be used when ordering. An order form from each sales agent, including specific ordering information, is provided at the end of this guide.

BEA data are also available electronically from STAT-USA (see [entries 1.5–1.8](#)).

document fidelity across all major computer platforms and printers. Available from BEA:

- 1996 SURVEY OF CURRENT BUSINESS, CD-ROM, product number MCN-0140, price \$35.00.
- 1995 SURVEY OF CURRENT BUSINESS, CD-ROM, product number MCN-0010, price \$35.00.
- 1994 SURVEY OF CURRENT BUSINESS, CD-ROM, product number MCN-0009, price \$35.00.

1.3 Recorded Telephone Messages. Brief (3–5 minutes) recorded telephone messages summarizing key estimates immediately after their release. The messages are available 24 hours a day for several days following release. The usual time of release (eastern standard or eastern daylight time) and the telephone numbers to call are as follows:

Gross Domestic Product (8:30 AM)	(202) 606-5306
Personal Income and Outlays (8:30 AM)	-5303
U.S. International Transactions (10:00 AM)	-5362

1.4 BEA’s Web Site on the Internet. Summary data—including the latest figures on GDP, personal income, and balance of payments—are available free of charge on BEA’s Internet site. In addition, the full text of BEA’s news releases (available within 4 hours of their release), selected articles from the SURVEY, the “User’s Guide to BEA Information,” a telephone contact list, the news release schedule, and other information are also available. (Other items in this guide that are available through on BEA’s Web site are marked (BEA Web site) after the notation.) Go to <http://www.bea.doc.gov>. For more detailed economic data, subscribe to STAT-USA at <http://www.stat-usa.gov> (see [entry 1.8](#)). Other Web sites that highlight BEA data: FEDSTATS <http://fedstats.gov>, a Web site that provides easy access to a range of statistics and information produced by BEA and more than 70 Government agencies and ECONOMIC STATISTICS BRIEFING ROOM <http://whitehouse.gov/fsbr/esbr>, at the White House Web site, where you can find, at a single location, the current “headlines” of the best known economic statistics from BEA, the Bureau of the Census, and the Bureau of Labor Statistics.

BEA's economic statistics are also made available in the following electronic formats through the Commerce Department's STAT-USA. For more information, including subscription rates, call STAT-USA at 1-800-782-8872.

***Available through
STAT-USA***

1.5 Economic Bulletin Board. Online computer access to news releases and other information. BEA news releases are available on the Economic Bulletin Board (EBB) shortly after their release. Selected national, regional, and international estimates and articles from the SURVEY are also available. (Other items in this guide that are available through the EBB are marked "EBB" after the title.) The EBB may be accessed by personal computer equipped with a modem and communications software; the information available on it—which includes information from several other Federal agencies—may be either viewed on the user's screen or downloaded. Instant hookup is available.

1.6 STAT-USA/FAX. Facsimile-based service that provides access to BEA news releases and other BEA information on the EBB, usually within 1 hour of the time of the release. The STAT-USA/FAX is available by dialing (202) 482-0005 from a facsimile machine's handset. Subscriptions start at \$29.95, and instant access is available. This service is available 24 hours a day, 7 days a week.

1.7 The National Trade Data Bank[®] (CD-ROM). BEA places a significant amount of its statistics in the National Trade Data Bank (NTDB[®]). These statistics include international transactions, foreign direct investment, balance of payments, annual and quarterly national income and product accounts, and others. The NTDB contains over 150 information programs from over 30 government agencies, including export and import statistics, foreign marketing reports, "how-to" guides for exporters, and names of companies overseas that want to do business with U.S. exporters. The NTDB is produced monthly and may be ordered from STAT-USA; an individual monthly issue (two discs) costs \$59.00, and an annual subscription (12 monthly issues) is \$575.00. The NTDB is also available for public use at over 1,100 Federal Depository Libraries throughout the Nation.

1.8 STAT-USA Internet (Internet). BEA's economic information is available on the Internet by subscription through STAT-USA. Users can obtain BEA news releases shortly after their release, SURVEY issues and articles, and detailed data files from BEA's national, regional, and international economic accounts, as well as a variety of information from other Federal agencies. Subscriptions start at \$50.00; to find out more, go to <<http://www.stat-usa.gov>>.

BEA's national economics program encompasses the national income and product accounts, government transactions on a national income and product accounting basis, and the input-output accounts.

National Economics

2.0 The national income and product accounts (NIPA's) show the value and composition of the Nation's output and the distribution of incomes generated in its production. The accounts include estimates of gross domestic product (GDP)—the market value of the Nation's output of goods and services—in current and real terms, GDP price measures, the goods and services that make up GDP in current and real terms, national income, personal income, and corporate profits. In addition, BEA produces specialized measures such as estimates of auto and truck output, GDP of corporate business, housing output, and business inventories and sales. Estimates of gross product originating by industry are prepared annually in current and real terms. Measures of the inventory and fixed capital stocks consistent with the NIPA output measures are also provided. Further, the accounts provide a consistent framework within which estimates of analytical interest—such as the role of research and development in the

National income and product accounts

National
Economics—
Continued

U.S. economy or as the interaction of the economy and the environment—can be developed.

The estimates of GDP are prepared each quarter in the following sequence: *Advance* estimates are released near the end of the first month after the end of the quarter; as more detailed and comprehensive data become available, *preliminary* and *final* estimates are released near the end of the second and third months, respectively. Monthly estimates of personal income and outlays are released near the end of the month following the reference month; estimates for the 2 to 4 most recent months are revised at that time. “A Look at How BEA Presents the NIPA’s” (May 1996 SURVEY) (BEA Web site) explains how to locate the NIPA estimates and some of the conventions used in their presentation. Ordinarily, annual NIPA revisions are carried out each summer and cover the months and quarters of the most recent calendar year and the preceding 2 years. These revisions are timed to incorporate newly available major annual source data. “Annual Revision of the U.S. National Income and Product Accounts” (BEA Web site): this series of SURVEY articles, the latest of which was published in the August 1997 issue, describes the annual NIPA revisions and the improvements in methodology. Comprehensive (benchmark) revisions are carried out at about 5-year intervals, a comprehensive revision was released in January 1996. Current quarterly NIPA estimates appear in a set of 57 “selected” tables each month in the SURVEY. The full set of NIPA tables (142 tables) usually is published at the time of annual revisions and comprehensive revisions. Annual estimates of the fixed capital stock are reported shortly thereafter.

In addition to the current and historical estimates described in the entries that follow, additional component detail (for example, purchases of private structures by type and change in business inventories by industry) is available. For specific questions, the following telephone numbers may be used:

GDP	(202) 606-5304
Personal income and outlays	-9743
Corporate profits	-9738
Personal consumption expenditures	-9735
Gross private domestic investment	-9711
Price Measures (chained-weighted)	-9723

A recorded telephone message summarizing the latest GDP estimates is available by calling (202) 606-5306. A recorded message summarizing the latest personal income and outlays estimates is available at (202) 606-5303. (see [entry 1.3](#)).

Current estimates

2.1 BEA Reports: Gross Domestic Product (EBB, STAT-USA/FAX, Internet, news release). Monthly reports with summary NIPA estimates that feature GDP and corporate profits. Reports are available online at the time of release through the EBB (see [entry 1.5](#)), by fax through STAT-USA/FAX (see [entry 1.6](#)), and on STAT-USA Internet (see [entry 1.8](#)). The full text of all BEA news releases are available within 4 hours of their release on BEA’s Web site (see [entry 1.4](#)). The gross domestic product printed reports, which are mailed the day after the estimates are released, are available from BEA on a subscription basis: Product number MLS-0012, price \$24.00 per year.

2.2 BEA Reports: Personal Income and Outlays (EBB, STAT-USA/FAX, Internet, news release). Monthly reports with summary NIPA estimates that feature personal income and outlays. Reports are available online at the time of release through the EBB (see [entry 1.5](#)), by fax through STAT-USA/FAX (see [entry 1.6](#)), and on STAT-USA Internet (see [entry 1.8](#)). The full text of all BEA news releases are available within 4 hours of their release on BEA’s Web site (see [entry 1.4](#)). The personal income and outlays printed reports, which are mailed the day after the estimates are released, are available from BEA on a subscription basis: Product number MLS-0013, price \$24.00 per year.

2.3 NIPA Monthly Update (diskette). NIPA estimates as they appear in the current issue of the SURVEY and the underlying estimates for business inventories, auto output, personal consumption expenditures, retail sales deflators, and fixed investments. Updated monthly. On a quarterly basis includes the available source data and assumptions for missing source data that are used to prepare the advance estimate for GDP. Annual subscriptions for the diskette are available from BEA: Product number NDS-0171, price \$204.00 per year.

2.4 NIPA Monthly Update Printout Kit (printout). Printed version of product number NDS-0171. Includes the seven following printout subscription products. (entries 2.5 through 2.11) Annual subscriptions for the printed tables are available from BEA: Product number NLS-0164, price \$300.00 per year.

2.5 Key Source Data and Assumptions (printout). Available source data and assumptions for missing source data that are used to prepare the advance estimates of GDP for each quarter. Annual subscriptions for the printed table are available from BEA: Product number NLS-0085, price \$25.00 per year.

2.6 NIPA Monthly Update (printout). NIPA estimates as they appear in the current issue of the SURVEY. Annual subscriptions for the printed table are available from BEA: Product number NLS-0165, price \$108.00 per year.

2.7 Business Inventories (printout). The underlying estimates for business inventories including estimates of the change in book value, inventory valuation adjustment, and the change in business inventories in current and chained (1992) dollars in greater detail than published in NIPA Tables 5.10 and 5.11. Also included are monthly and quarterly estimates of real manufacturing trade inventories, sales and inventory-sales ratios in detail similar to that published quarterly in the SURVEY. Annual subscriptions for the printed table are available from BEA: Product number NLS-0166, price \$108.00 per year.

2.8 Auto Output (printout). Details separating domestic and foreign new auto purchases (quarterly only), Canadian, Mexican, and total imports (quarterly only), unit sales (including trucks), inventories production, average expenditures per car, and implicit price deflators (monthly and quarterly). These data underlie NIPA Tables 8.4 and 8.5. Annual subscriptions for the printed table are available from BEA: Product number NLS-0167, price \$108.00 per year.

2.9 Personal Consumption Expenditures (printout). Estimates of monthly and quarterly expenditures by type in current and chained (1992) dollars and implicit price deflators underlying NIPA Tables 2.6 and 2.7. Annual subscriptions for the printed table are available from BEA: Product number NLS-0168, price \$108.00 per year.

2.10 Retail Sales Deflators (printout). Monthly implicit price deflators for retail sales by kind of business. Annual subscriptions for the printed table are available from BEA: Product number NLS-0169, price \$108.00 per year.

2.11 Fixed Investment (printout). Quarterly estimates in current and chained (1992) dollars and implicit price deflators for structures (detail similar to that published in NIPA Tables 5.6 and 5.7), and for equipment (detail similar to that published in NIPA Tables 5.8 and 5.9). Annual subscriptions for the printed table are available from BEA: Product number NLS-0170, price \$108.00 per year.

NOTE.—Each of the above subscription products (entries 2.3 through 2.11) is shipped separately. If the product is mailed to an address within the United States, there is no charge for shipping. If the product is sent by Federal Express, add \$60 to the subscription cost for each product. If the product is sent to an address outside of the United States, add \$60 for each product that is sent by U.S. Postal Service or add \$300 for each product that is sent by Federal Express.

Historical estimates

2.12 **1997 NIPA Annual Revision, Selected Tables** (diskette). The "selected" NIPA tables showing the annual and quarterly NIPA estimates, most with annual data from 1929 and with quarterly data from 1946. Estimates include and are consistent with those released in the May and August 1997 SURVEY. Two diskette set, available from BEA: Product number NDN-0139, price \$40.00.

2.13 **1997 NIPA Annual Revision, "Annual Only" Tables** (diskette). The NIPA tables, other than the "selected" NIPA tables, showing primarily "annual only" NIPA estimates from 1929-1996. Also includes monthly personal income and expenditures (January 1959 - December 1996) and not-seasonally-adjusted quarterly estimates (1946:I-1996:IV). Available from BEA: Product number NDN-0145, price \$20.00.

2.14 **1997 Underlying NIPA Historical Estimates** (diskette). Annual, quarterly, and monthly underlying NIPA estimates from 1959:I-1997:II for six NIPA categories: auto output, personal consumption expenditures, retail sales deflators, fixed investment, business inventories, and personal income. Three diskette set, available from BEA: Product number NDN-0162, price \$60.00.

NIPA methodology

Summary tables listing the principal source data and estimating methods used to prepare the NIPA estimates are included in the articles in the SURVEY that describe annual revisions to the NIPA's. These tables were last published in the September 1997 issue of the SURVEY (BEA Web site). The availability of updated tables will be announced in a future issue. A number of papers that provide detailed descriptions of NIPA concepts and methodologies have been published (see next entry).

Methodology Papers (publications). A series of papers that documents the conceptual framework of the NIPA's and the methodology used to prepare the estimates. To date, six papers are available.

NOTE.—The methodologies described in these papers are subject to periodic improvements that are typically introduced as part of the annual and comprehensive revisions of the NIPA's. These improvements—which consist of definitional changes, new source data, and new estimating methods—are described in the SURVEY articles that cover these revisions. For example, the major improvements introduced in the most recent comprehensive revision are described in articles in the July 1995, September 1995, October 1995, January/February 1996, and May 1997 issues (BEA Web site). For more information, write or call the National Income and Wealth Division.

2.15 **An Introduction to National Economic Accounting** (NIPA Methodology Paper No. 1). An introduction to the concepts of the U.S. NIPA's that places these accounts within the larger framework of national economic accounting. Shows the step-by-step derivation of a general national economic accounting system from the conventional accounting statements used by business and government and inferred for other transactors. Also shows how the income and product accounts, the capital finance accounts, and the input-output accounts—the major branches of national economic accounting in the United States today—are derived from this general system. Also appeared in the March 1985 SURVEY OF CURRENT BUSINESS. (1985) Available from NTIS: Accession No. PB 85-247567, price \$12.50.

2.16 **Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends** (NIPA Methodology Paper No. 2). A description of the concepts, sources, and methods of the corporate profits components of the NIPA's. (1985) Available from NTIS: Accession No. PB 85-245397, price \$27.00.

2.17 **Foreign Transactions** (NIPA Methodology Paper No. 3). A description of the preparation of estimates in the NIPA's of net exports (both current- and constant-dollar), transfer payments to foreigners, capital grants received by the United States, interest paid by Government to foreigners, and net foreign investment. Also describes the relationship between foreign transactions

estimates in the NIPA's and those in the balance of payments accounts. (1987) Available from NTIS: Accession No. PB 88-100649, price \$27.00.

- 2.18 **GNP: An Overview of Source Data and Estimating Methods** (NIPA Methodology Paper No. 4). Basic information about GNP, including the conceptual basis for the account that presents GNP, definitions of each of the components on the income and product sides of that account, and a summary, presented in tabular form, of the source data and methods used in preparing estimates of current- and constant-dollar GNP. Also provides an annotated bibliography, with a directory, of the more than 50 items over the last decade that provided methodological information about GNP. Appeared in the July 1987 SURVEY. (1987) Available from NTIS: Accession No. PB 88-134838, price \$24.50. The summary tables of source data and methods were last updated in the September 1997 issue of the SURVEY (tables 1 and 2, pages 14-33) (BEA Web site).

- 2.19 **Government Transactions** (NIPA Methodology Paper No. 5). Presents the conceptual basis and framework of government transactions in the NIPA's, describes the presentation of the estimates, and details the sources and methods used to prepare estimates of Federal transactions and of State and local transactions (BEA Web site). (1988) Available from NTIS: Accession No. PB 90-118480, price \$31.50.

NOTE.—Major changes in methodology have occurred since the publication of this methodology paper. "Preview of the Comprehensive Revision of the National Income and Product Accounts: Recognition of Government Investment and Incorporation of the New Methodology for Calculating Depreciation" (September 1995) (BEA Web site).

- 2.20 **Personal Consumption Expenditures** (NIPA Methodology Paper No. 6). Presents the conceptual basis and framework for personal consumption expenditures (PCE) in the NIPA's, describes the presentation of the estimates, and details the sources and methods used to prepare annual, quarterly, and monthly estimates of PCE. Includes a bibliography, definitions, and convenient tabular summaries of estimating procedures. (1990) Available from NTIS: Accession No. PB 90-254244, price \$27.00.

2.21 **The Underground Economy: An Introduction** (reprint). A discussion of the coverage, measurement methods, and implications of the underground economy. Part of the discussion features the relation between the NIPA's and the underground economy: Illegal activities in the context of the NIPA's, three sets of NIPA estimates sometimes misunderstood as being measures of the underground economy, and the effect on NIPA estimates of possible misreporting in source data due to the underground economy. Articles appeared in the May, June, and July 1984 issues of the SURVEY. (1984) Available upon request from BEA's Public Information Office.

*Other information
related to the NIPA's*

2.22 **Alternative Measures of Change in Real Output and Prices** (reprint). Four articles that appeared in the SURVEY describing the two alternatively weighted measures of real output and of prices that BEA prepares to supplement its featured fixed-weighted measures (BEA Web site). These alternative measures are especially useful for studies of long-term economic growth, for comparisons of business cycles, and for gauging the effect of changes in the economy's relative price structure on the measurement of real gross domestic product. (1993) Available upon request from BEA's Public Information Office. (For recent information about BEA's improved chain-type measures of real output and prices, see ["Preview of the Comprehensive Revision of the National Income and Product Accounts: BEA's New Featured Measures of Output and](#)

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Prices” (July 1995) and “[BEA’s Chain Indexes, Time Series, and Measures of Long-Term Economic Growth](#)” (May 1997) (BEA Web site).

2.23 **The Use of National Income and Product Accounts for Public Policy: Our Successes and Failures** (BEA Staff Paper No. 43). An evaluation using two indirect approaches. The first reviews the “accuracy” of the estimates, using the size of revisions to GNP estimates as an indicator. The second reviews users’ recommendations drawn from publications issued over the last 30 years. (1985) Available from NTIS: Accession No. PB 86-191541, price \$17.50.

2.24 **Economic-Environmental Accounts** (reprint). Two articles that describe a BEA framework for integrated economic and environmental satellite accounts and that present prototype estimates of mineral stocks, and changes in those stocks, for the past several decades. The new set of accounts, which supplements the existing system of national economic accounts, provides a statistical picture of the interaction of the economy and the environment. These articles appeared in the April 1994 *SURVEY* (BEA Web site). (1994) Available upon request from BEA’s Public Information Office.

2.25 **A Satellite Account for Research and Development** (diskette). The Satellite Account for Research and Development is designed to facilitate analysis of the role of research and development (R&D) in the U.S. economy. In the R&D satellite account, R&D expenditures are treated as a form of investment, and the resulting investment flows are used to estimate stocks of R&D fixed intangible capital. For most series, summary tables include data for 1953-92. (For a description of the R&D accounts, see “[A Satellite Account for Research and Development](#),” November 1994 *SURVEY* (BEA Web site). Available from BEA: Product number MDN-0011, price \$20.00.

Wealth and related
estimates

2.26 **1997 Tangible Wealth** (diskette). Net stocks, consumption of fixed capital, and investment estimates for 1929-96 (1949-96 for industry tables), measured at current-cost valuation, at historical-cost valuation, in chain-type quantity indexes, and chained (1992) dollars summary (net stock estimates only). Available from BEA: Product number NDN-0143, price \$60.00.

Government
transactions

3.0 BEA’s estimates of government receipts, expenditures, and surplus or deficit are on a national income and product accounting basis. The estimates are prepared separately for Federal and for State and local governments on the same schedule as that described for the NIPA’s (see program [description 2.0](#)). Reconciliations of the Federal sector on a NIPA basis and the budget prepared by the Office of Management and Budget are the basis for an article in the *SURVEY*, shortly after the release of the budget, about Federal fiscal programs for the next fiscal year, and for detailed tables in the NIPA annual revision issue. These reconciliations, and more specialized work such as described in the papers that follow, facilitate analysis of the effects of government fiscal policies on the economy. An article on the fiscal position of State and local governments is usually published in the February or March *SURVEY*. For further information, write to the Government Division, BE-57, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230, or call (202) 606-5590. For specific questions, the following telephone numbers may be used:

Federal	(202) 606-5591
National defense	-5592
Nondefense	-5593
State and local	-5594

4.0 Gross product originating (GPO) by industry is the contribution of each industry—including government—to GDP. GPO, also known as GDP by industry or value added, equals an industry's gross output less intermediate goods and services purchased from other industries or imported. Annual estimates are expressed in both current dollars (1947–96) and in real terms (1977–96). These estimates, published in the November 1997 issue of the *SURVEY*, are provided at approximately the two-digit Standard Industrial Classification (SIC) level (BEA Web site). Industry classifications are based on the 1987 SIC for 1988–96, on the 1972 SIC for 1947–86, and on both the 1972 and 1987 SIC's for 1987. For further information on gross product originating, call (202) 606–5307.

GDP by industry estimates

4.1 Gross Product by Industry (diskette). Current-dollar estimates are provided for 1947–96 and chained (1992) dollar, are provided for 1977–96. Includes the components of gross domestic income that define current-dollar GPO for each industry. Includes estimates of gross output and intermediate inputs for double-deflated industries. Available from BEA: Product number NDN–0174, price \$20.00.

4.2 Gross Output by Detailed Industry (diskette). Annual estimates (1977–96) of gross output in current and chained dollars (1992) for double-deflated industries that were used to prepare the estimates of GPO. Industry detail generally exceeds that available in the Gross Product by Industry data products. Gross output for manufacturing industries on these files is at the two-digit GPO level of industry detail; see [entry numbers 4.3 and 4.4](#) for more detailed data for manufacturing. Available from BEA: Product number NDN–0175, price \$20.00.

4.3 Manufacturing Establishment Shipments (diskette). Annual estimates (1977–96) of manufacturing establishment shipments by two-, three-, and four-digit SIC. Current-dollar levels, chained-type quantity indexes, and chained-type price indexes are provided. These estimates were used to prepare the estimates of gross output that underlie the GPO estimates for manufacturing industries. Available from BEA: Product number NDN–0176, price \$20.00.

4.4 Manufacturing Product Shipments(diskette). Annual estimates (1977–95) of manufacturing product shipments by five-digit Census Bureau product class defined on a wherever made basis. Current-dollar levels, constant-dollar levels, and implicit price deflators are provided. Estimates for 1996 are not available. Available from BEA: Product number NDN–0177, price \$20.00.

5.0 Input-output (I-O) accounts for the United States show how industries interact—providing input to, and taking output from, each other—to produce GDP. Benchmark tables, based largely on the economic censuses, are prepared every 5 years; the latest benchmark tables are for 1992. Annual tables are prepared using basically the same procedures as used for the benchmark tables, but with less comprehensive and less reliable source data. For benchmark years, associated benchmark tables showing capital flows from producing to using industries are also prepared. Diskettes are available at the summary level (97 industries) and detailed level (498 industries), listed below. For further information on the Input-Output accounts, call (202) 606–5585.

Input-output accounts

5.1 1992 Benchmark I-O Tables (diskettes). Estimates from the 1992 benchmark I-O accounts at the summary and the detailed levels. Each product includes information on the mathematical derivation of the coefficients tables. Available from BEA:

1992 Benchmark Detailed Transactions. Contains the make table, use table, direct requirements coefficients table, and estimates by commodity of transportation costs and of wholesale and retail trade margins. Three diskette set: Product number NDN–0178, price \$60.00.

National Economics— Continued

- 1992 **Benchmark Input-Output Alternative Tables 6-Digit Transactions.** Contains same tables as 1992 Benchmark Input-Output Table 6-Digit Transactions, but with industries defined on a 1987 SIC basis (498 industry detail). Two diskette set: Product number NDN-0179, price \$40.00.
- 1992 **Benchmark Detailed, Industry-By-Commodity Total Requirements.** Product number NDN-0183, price \$20.00.
- 1992 **Benchmark Detailed, Commodity-By-Commodity Total Requirements.** Product number NDN-0184, price \$20.00.
- 1992 **Benchmark Summary, All.** Contains the make table, use table, direct requirements coefficients table, estimates by commodity of transportation costs and of wholesale and retail trade margins, and industry-by-commodity and commodity-by-commodity total requirements coefficients. Product number NDN-0180, price \$20.00.
- 1992 **Benchmark Commodity Composition of NIPA Final Demand at the Detailed Level.** Product number NDN-0185, price \$20.00.
- 1992 **Benchmark PCE and PDE By NIPA Category.** Contains the detailed I-O commodity composition of NIPA personal consumption expenditures and producers' durable equipment expenditures. Product number NDN-0186, price \$20.00.

5.2 **Benchmark Input-Output Accounts of the United States, 1987** (publication). This volume contains the use and make tables and total output multipliers for BEA's 1987 benchmark I-O study at the summary and detailed I-O industry levels. Includes discussion of concepts and of analytical and statistical uses of estimates, description of sources and methods, and overview of industry and commodity classification. Provides benchmark I-O commodity composition of NIPA final demand, personal consumption expenditures, and producers' durable equipment expenditures. (1994) Available from GPO: Stock No. 003-010-00251-4, price \$29.00.

5.3 **1987 Benchmark I-O Tables** (diskettes). Estimates from the 1987 benchmark I-O accounts at the summary and the detailed levels. Each product includes information on the mathematical derivation of the coefficients tables. Available from BEA:

- 1987 **Benchmark Detailed Transactions.** Contains the make table, use table, direct requirements coefficients table, and estimates by commodity of transportation costs and of wholesale and retail trade margins. Two diskette set: Product number NDN-0016, price \$40.00.
- 1987 **Benchmark Detailed, Industry-By-Commodity Total Requirements.** Two diskette set: Product number NDN-0017, price \$40.00.
- 1987 **Benchmark Detailed, Commodity-By-Commodity Total Requirements.** Two diskette set: Product number NDN-0018, price \$40.00.
- 1987 **Benchmark Summary, All.** Contains the make table, use table, direct requirements coefficients table, estimates by commodity of transportation costs and of wholesale and retail trade margins, and industry-by-commodity and commodity-by-commodity total requirements coefficients. Product number NDN-0019, price \$20.00.
- 1987 **Benchmark Commodity Composition of NIPA Final Demand at the Detailed Level.** Product number NDN-0020, price \$20.00.
- 1987 **Benchmark PCE and PDE By NIPA Category.** Contains the detailed I-O commodity composition of NIPA personal consumption expenditures and producers' durable equipment expenditures. Product number NDN-0021, price \$20.00.

5.4 1982 Benchmark 85-Industry Input-Output Tables (diskette). Five tables: (1) Use table, (2) make table, (3) commodity-by-industry direct requirements table, (4) commodity-by-commodity total requirements table, and (5) industry-by-commodity total requirements table. Available from BEA: Product number NDN-0125, price \$20.00.

BEA's regional economics program provides estimates, analyses, and projections by region, State, metropolitan area, and county.

6.0 BEA Reports: Regional Reports (EBB, STAT-USA/FAX, Internet, news release). Reports (usually six a year) with summary estimates of State personal income (quarterly and annual) and of county and metropolitan area personal income (annual). Reports are available online through the EBB (see [entry 1.5](#)), by fax through STAT-USA/FAX (see [entry 1.6](#)), and on STAT-USA Internet (see [entry 1.8](#)). The full text of all BEA news releases are available within 4 hours of their release on BEA's Web site (see [entry 1.4](#)). These printed regional reports, which are mailed the day after estimates are released, are available from BEA on a subscription basis: Product number MLS-0014, price \$12.00 per year.

7.0 Current quarterly State personal income estimates are released in January, April, July, and October. The annual estimates of State and local area personal income for a given year are subject to successive improvement. Preliminary annual State estimates, based on the current quarterly series, are released 4 months after the close of the reference year. Revised annual estimates based on more reliable source data are released in August. These estimates are subsequently revised to incorporate newly available information used to prepare the current local area estimates. The revised State estimates, together with the current local area estimates, are released the following April. The annual estimates emerging from this process are subject to further revision for several succeeding years (the State estimates in April and August and the local area estimates in April) as additional data become available. These routine revisions are completed 3 years after the preliminary State estimates were prepared and 2 years after the local area estimates were prepared. The State and local area estimates are normally revised again only to incorporate a comprehensive revision of the national income and product accounts, which takes place approximately every 5 years, or to make important improvements to the estimates through the use of additional or more current State and local area data.

Estimates of personal income and employment by State, metropolitan area, and county are available through the Regional Economic Information System (REIS). The system includes an information retrieval service that provides a variety of analytical tabulations for counties and combinations of counties.

BEA also makes its regional estimates available through the BEA User Group, members of which include State agencies, universities, and Census Bureau Primary State Data Centers. BEA provides its estimates of income and employment for all States and counties to these organizations with the understanding that they will make the estimates readily available.

For further information on the regional measurement program, call (202) 606-5360.

7.1 Regional Economic Information System (REIS) CD-ROM, 1969-95 (CD-ROM). Estimates of annual personal income by major source, per capita personal income, earnings by two-digit SIC industry, full- and part-time employment by one-digit SIC industry, regional economic profiles, transfer payments by major program, and farm income and expenses for States, metropolitan areas, and counties. The CD-ROM contains over 450 megabytes of data and documentation. All the estimates are stored as ASCII files that can be accessed in either sequential or random mode. The CD-ROM

Regional Economics

Regional estimates

**Regional
Economics—
Continued**

includes a (Windows-based) REIS program that allows the user to display, print, or copy one or more of the standard tables from the historical personal income series.

In addition, the CD-ROM includes BEA estimates of quarterly personal income by State (1969:I–1997:I); Census Bureau data on intercounty flows for 1960, 1970, 1980, and 1990; BEA's latest gross state product estimates for 1977–94; its projections to 2045 of income and employment for States and metropolitan areas; and total commuters' income flows, 1969–95. Updated annually. (August 1997) Available from BEA: Product number RCN-0129, price \$35.00.

7.2 State Personal Income CD-ROM, 1958–96 (CD-ROM). Contains information for the United States, regions, and States for total and per capita personal income, total and per capita disposable personal income, detailed estimates of personal income by major source and earnings by two-digit SIC industry, wage and salary disbursements by two-digit SIC industry total employment by two-digit SIC industry wage and salary employment transfer payments by major program, farm income and expenses, personal tax and nontax payments, and BEA regional fact sheets. Updated annually. (July 1997) Available from BEA: Product number RCN-0128, price \$35.00.

7.3 State Personal Income, 1929–93 (publication). Presents detailed annual estimates for States and regions of personal income for 1929–93, including estimates of per capita personal income, personal income by major source, and earnings by industry. Also presents annual estimates for States and regions of disposable personal income and per capita disposable personal income for 1969–93 (BEA Web site). Provides information about the sources and methods used to prepare the estimates for 1987–93 and samples of all the detailed tables of personal income and employment that are available for regions, States, counties, and metropolitan areas. (1995) Available from GPO: Stock No. 003-010-00257-3, price \$27.00.

7.4 Local Area Personal Income, 1969–92 (publication). Presents the estimates of personal income and per capita personal income for 1969–92 for the United States, regions, States, counties, and metropolitan areas. Also presents the Census Bureau's estimates of population that were used in the derivation of per capita personal income. Provides information about the sources and methods used to prepare the estimates for 1987–92 (BEA Web site) and samples of all the detailed tables of personal income and employment that are available for regions, States, counties, and metropolitan areas. (1994) Available from GPO: Stock No. 003-010-00249-2, price \$41.00.

***Regional analyses
and projections***

8.0 BEA prepares analyses to identify and measure factors that determine area differences in levels and growth rates of total and per capita personal income and of industrially detailed earnings, employment, and gross state product. Annual estimates of gross state product—the market value of the goods and services produced by the labor and property located in a State—are prepared by component and industry 8 months after the release of national GDP by industry. Special tabulations from the Regional Input-Output Modeling System (RIMS II) of regional economic multipliers for any combination of counties are prepared on a reimbursable basis for use in analyzing the economic effects of events, such as the conversion of military bases and the expansion of airports. The segmentation of the Nation into 172 BEA economic areas facilitates regional economic analysis for businesses that want to assess potential plant locations and sales territories and for public-sector and university groups that want to conduct small-area, geographically exhaustive regional economic studies. For further information on the regional analysis program (202) 606-3700. For specific questions, the following telephone numbers may be used:

Gross state product by industry	(202) 606-5340
Regional input-output multipliers	-5343
BEA economic areas	-9219

8.1 Revised Gross State Product, Annual Estimates, 1977-94 (EBB, Internet, diskette, CD-ROM). These estimates are the State equivalent of GDP and provide the most comprehensive measure of State production now available. Gross state product (GSP) is measured in current dollars as the sum of four components for each industry: Compensation of employees; proprietors' income; indirect business tax and nontax liability; and other, mainly capital-related, charges. A statement of sources and methods for the estimates was published in the June 1997 SURVEY. The estimates are for the 50 States, eight BEA regions, and the United States and for 61 industries. Estimates are in current and chained (1992) dollars. Available online through the EBB (see [entry 1.5](#)), on CD-ROM (see [entry 7.1](#)), and on STAT-USA Internet (see [entry 1.8](#)). Diskette available from BEA: Product number RDN-0097, price \$40.00 (two diskette)

8.2 Regional Multipliers: A User Handbook for the Regional Input-Output Modeling System (RIMS II), Third Edition (publication). This handbook describes the five types of RIMS II multipliers that are available for nearly 500 industries and for any county or for any group of counties. It details the information that the users need in order to effectively use the RIMS II multipliers to analyze the economic and industrial impact of public and private projects and programs on State and local areas. The handbook also includes case studies that illustrate the uses of the RIMS II multipliers and a description of the methodology that the Bureau of Economic Analysis uses to estimate the multipliers. (63 pages) Available from GPO: Stock No. 003-010-00264-6, price \$6.00.

8.3 BEA Economic Areas, 1995 (EBB, Internet, diskette, CD-ROM). This segmentation of the Nation on an economic basis has 172 economic areas, and it replaces the 183-area segmentation that BEA first drafted in 1977 and then revised slightly in 1983. Each economic area consists of one or more centers of economic activity and the surrounding counties that are economically related to the centers. Economic data assembled by economic area can be used to analyze local area economic activity, local interindustry economic relationships, and inter area population movements. The codes, names, and numbers of the counties in each economic area are available online through the EBB (see [entry 1.5](#)), on STAT-USA Internet (see [entry 1.8](#)), and on CD-ROM (see [entry 7.1](#)). Available from BEA: Product number RDN-0093, price \$20.00.

A 26" by 40" map of the economic areas is also available from BEA: Product number RPN-0092, price \$15.00.

BEA's international economics program encompasses the international transactions accounts (balance of payments), including related estimates of the U.S. international investment position, and the direct investment estimates. The international transactions accounts, which measure U.S. transactions with foreign countries, include merchandise trade, trade in services, the current-account balance, and capital transactions. The direct investment estimates cover estimates of U.S. direct investment abroad and foreign direct investment in the United States, income and other flows associated with these investments, and other aspects of the operations of multinational enterprises.

9.0 BEA Reports: International Reports (EBB, STAT-USA/FAX, Internet, news release). Reports (usually seven a year) with summary estimates of international transactions (quarterly); international investment position (annual); and related topics. Reports are available online through the EBB (see [entry 1.5](#)), by fax through STAT-USA/FAX (see [entry 1.6](#)), and on STAT-USA Internet (see [entry 1.8](#)). The full text of all BEA news releases are available within 4 hours of their release on BEA's Web site (see [entry 1.4](#)). The printed international reports, which are mailed the day after estimates are released, are available from BEA on a subscription basis: Product number MLS-0015, price \$14.00 per year.

International Economics

U.S. international transactions

10.0 The international transactions accounts provide a detailed and comprehensive view of economic transactions between the United States and foreign countries. The accounts include estimates of merchandise exports and imports; travel, transportation, and other services; foreign aid; and private and official capital flows, including direct investment. (Information about direct investment and international services is provided in program [description 11.0.](#)) Current estimates are reported in the January, April, July, and October issues of the SURVEY. Estimates include detail for the current and capital accounts, classified by type of transaction and by area. Each July, estimates for the last 4 years are revised. Estimates of the international investment position of the United States appear in July. For further information on the U.S. international transactions, call (202) 606-9545. For specific questions, the following telephone numbers may be used:

Current-account estimates	(202) 606-9573
Merchandise trade	-3384
Capital-account transactions	-9579
Government transactions	-9574

A recorded telephone message summarizing key estimates of U.S. international transactions is available at (202) 606-5362 (see [entry 1.3](#)).

NOTE.—Monthly estimates of U.S. international trade in goods and services are released jointly by the Bureau of the Census and BEA. For information on goods, contact the Bureau of the Census at (301) 457-2311; for information on services, contact BEA at (202) 606-9545. For information about the availability of the news releases, contact the Bureau of the Census at (301) 457-4100.

10.1 **U.S. Trade in Goods** (printout, diskette). Seasonally adjusted and unadjusted exports and imports for the end-use categories used by BEA to derive trade totals on a Census Bureau basis. Series begin in 1978. Updated monthly or quarterly. Available from BEA on a subscription basis:

U.S. Trade in Goods, Monthly.

Printout—Product number ILS-0181, price \$108.00 per year.

Diskette—Product number IDS-0182, price \$204.00 per year.

U.S. Trade in Goods, Quarterly. Also includes, on a balance of payments basis, exports of agricultural products, nonagricultural products, and nonmonetary gold and imports of petroleum and products, nonpetroleum products, and nonmonetary gold.

Printout—Product number ILS-0007, price \$40.00 per year.

Diskette—Product number IDS-0008, price \$80.00 per year.

10.2 **An Analysis of the Use of Time-Series Models to Improve Estimates of International Transactions** (BEA Working Paper No. 7). An investigation to see whether the use of time-series models could improve the accuracy and decrease the bias of the initial estimates of international transactions data in both the national income and product accounts and the international transactions accounts. Currently, these estimates require a considerable degree of judgment in lieu of complete source data. (1993) Available upon request from BEA's Public Information Office.

10.3 **The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures** (publication). Describes in detail the methodology used in constructing the U.S. balance of payments (U.S. international transactions) estimates and the international investment position of the United States. Explains underlying principles and describes the presentation of the estimates. Includes a comprehensive list of data sources. (1990) Available from NTIS: Accession No. PB 90-268715, price \$39.00.

NOTE.—The methodologies described in this paper are subject to periodic improvements that are typically introduced as part of the annual revisions of the international transactions accounts. These improvements are described in the SURVEY

articles that cover the annual revisions, most recently in “**U.S. International Transactions, Revised Estimates**,” SURVEY 77 (July 1997). Also available on BEA's Web site (see entry 1.4).

10.4 Current and Historical Data for U.S. International Transactions (diskettes). In March, September, and December, a current-period diskette with data for the most recent 1–2 years will be available 3 working days after the U.S. international transactions news release. In June, a current-period diskette with data for the most recent 3 years will be available 5–6 working days after the news release. In late June, a historical data diskette will be available; this diskette will include data that begin with the earliest period available for individual tables and that end with the fourth quarter of the previous year. Available as follows:

Subscription—Product number IDS-0001, price \$80.00 per year.

This subscription product is also available on an individual installment basis. Call the BEA Order Desk for Product number, price \$20.00 per installment.

Historical diskette—Product number IDN-0003, price \$20.00.

10.5 U.S. International Sales and Purchases of Private Services (diskette). The diskette contains data on cross-border transactions for 1986–96 and transactions by majority-owned affiliates for 1989–95. The estimates cover transactions by type of service, by area, and by industry. Available from BEA: Product number IDN-0172, price \$20.00.

11.0 BEA conducts quarterly, annual, and benchmark surveys of U.S. direct investment abroad and of foreign direct investment in the United States. The information collected relates to the direct investment position and flows of capital, income, royalties and license fees, and other service charges between parent companies and affiliates; the financial structure and operations of U.S. parent companies and their foreign affiliates; the financial structure and operations of U.S. affiliates of foreign companies; and U.S. business enterprises acquired or established by foreign direct investors.

Summary information on the quarterly and annual surveys usually appears in the SURVEY on the following schedule.

Direct investment and international services

Foreign direct investment in the United States:

- The position and balance of payments flows, in July, with additional detail in September.
- Operations of U.S. affiliates of foreign companies, in June (or subsequent months).
- U.S. business enterprises acquired or established by foreign direct investors, in June.

U.S. direct investment abroad:

- The position and balance of payments flows, in July, with additional detail in September.
- Operations of U.S. parent companies and their foreign affiliates, in July (or subsequent months).

The types of data on direct investment that are collected and published by BEA and the clarifications of the differences between the data sets are presented in the following SURVEY articles: “A Guide to BEA Statistics on U.S. Multinational Companies” (March 1995) and “A Guide to BEA Statistics on Foreign Direct Investment in the United States” (February 1990) (BEA Web site).

BEA's data on direct investment are collected and published at the enterprise (company) level. In 1992, highly detailed establishment (plant) level data on foreign direct

International
Economics—
Continued

investment in the United States, which complement BEA's enterprise data, became available for the first time as a result of a joint project between BEA and the Bureau of the Census. A volume containing data for 1987 on the number, employment, payroll, and shipments or sales of foreign-owned U.S. establishments was published in 1992 (see [entry 11.4](#)) and a volume containing data for 1992 was published in 1997 (see [entry 11.3](#))

The information BEA provides on U.S. international sales and purchases of services covers cross-border (balance of payments) services transactions, sales of services abroad by nonbank majority-owned foreign affiliates of U.S. companies, and sales of services in the United States by nonbank majority-owned U.S. affiliates of foreign companies. The information on cross-border services transactions is derived from a variety of sources, including BEA surveys, surveys by other Government agencies, and non-Government sources. The information on sales of services by affiliates is obtained from BEA's benchmark and annual direct investment surveys. From 1990 to 1995, the data on international services were published in a detailed and unified format in the September issue of the SURVEY. Beginning with 1996, these data will appear in the October issue of the SURVEY.

For further information on direct investment and international services, call (202) 606-9800. For specific questions, the following telephone numbers may be used:

Foreign direct investment in the United States	(202) 606-9804
Operations of U.S. affiliates of foreign companies	-9893
Establishment-level data on foreign	
direct investment in the United States	-9898
U.S. direct investment abroad	-9867
Operations of U.S. parent companies and their	
foreign affiliates	-9867
International services.....	-9804

Foreign direct
investment in the
United States

11.1 Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies (publication, diskette). The most detailed results of BEA's annual survey of foreign direct investment in the United States (only summary information appears in articles in the SURVEY). Contains information on the financial structure and operations of nonbank U.S. affiliates of foreign direct investors. Data are classified by industry of U.S. affiliate, by country and industry of ultimate beneficial owner, and for selected data, by industry of sales and by State. Estimates from annual surveys are first released on a preliminary basis; revised estimates are released 1 year later. Available as follows:

Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies, Preliminary 1995 Estimates. (1997)

Publication—Available from GPO: Stock No. 003-010-00268-9, price \$8.50.
Diskette—Available from BEA: Product number IDN-0062, price \$20.00.

Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies, Revised 1994 Estimates. (1997)

Publication—Available from GPO: Stock No. 003-010-00267-1, price \$8.50.
Diskette—Available from BEA: Product number IDN-0061, price \$20.00.

Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies, Revised 1993 Estimates. (1996)

Publication—Available from BEA: Product number IPN-0161, price \$11.00.
Diskette—Available from BEA: Product number IDN-0059, price \$20.00.

Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies, Revised 1991 Estimates. (1994)

Publication—Available from BEA: Product number IPN-0063, price \$6.00.
Diskette—Available from BEA: Product number IDN-0057, price \$20.00.

Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies, Revised 1990 Estimates. (1993)

Publication—Available from NTIS: Accession No. PB 93-216224, price \$19.50.

Diskette—Available from BEA: Product number IDN-0056, price \$20.00.

NOTE.—For 1992, a benchmark survey was conducted instead of an annual survey (see entry 11.2).

11.2 Foreign Direct Investment in the United States, Benchmark Survey Results (publication, diskette). The results of BEA's benchmark survey of foreign direct investment in the United States. Benchmark surveys are BEA's most comprehensive surveys, both in terms of companies covered and information gathered. Contains information on the financial structure and operations of the U.S. affiliates of foreign direct investors. Data are classified by industry of U.S. affiliate, by country and industry of foreign parent or ultimate beneficial owner, and, for selected data, by industry of sales and by State. Results from benchmark surveys are first released on a preliminary basis; final results are released 1 year later.

Foreign Direct Investment in the United States, 1992 Benchmark Survey, Final Results. (1995)

Publication—Available from GPO: Stock No. 003-010-00259-0, price \$20.00.

Diskette—Available from BEA: Product number IDN-0058, price \$20.00.

Foreign Direct Investment in the United States, 1987 Benchmark Survey, Final Results. (1990)

Publication—Available from NTIS: Accession No. PB 91-108316, price \$48.00

Diskette—Available from BEA: Product number IDN-0053, price \$20.00.

11.3 Foreign Direct Investment in the United States: Establishment Data for Manufacturing (publication, diskette). Presents detailed annual data for 1988-92 on the manufacturing establishments of U.S. affiliates of foreign companies. The data were obtained by linking BEA enterprise, or company, data on foreign direct investment in the United States with Census Bureau establishment, or plant, data for all U.S. companies. Data for the foreign-owned manufacturing establishments were extracted from the Census Bureau's annual survey of manufactures (ASM) and cover most of the ASM items, including value added, shipments, employment, total employee compensation, employee benefits, hourly wage rates of production workers, cost of materials and energy used, inventories by stage of fabrication, and expenditures for new plant and equipment. The data are presented by detailed manufacturing industry (they are classified into the 459 Standard Industrial Classification four-digit industries), by country of the ultimate beneficial owner of the establishment, and by State. Available as follows:

Foreign Direct Investment in the United States: Establishment Data for Manufacturing, 1992. (1997)

Publication—Available from GPO: Stock No. 003-010-00265-4, price \$28.00.

Diskette—Available from BEA: Product number IDN-0077, price \$40.00.

Foreign Direct Investment in the United States: Establishment Data for Manufacturing, 1991. (1994)

Publication—Available from BEA: Product number IPN-0190, price \$14.00.

Diskette—Available from BEA: Product number IDN-0076, price \$20.00.

Foreign Direct Investment in the United States: Establishment Data for Manufacturing, 1990. (1993)

Publication—Available from BEA: Product number IPN-0071, price \$14.00.

Diskette—Available from BEA: Product number IDN-0075, price \$20.00.

International Economics— Continued

Foreign Direct Investment in the United States: Establishment Data for Manufacturing, 1989. (1993)

Publication—Available from BEA: Product number IPN-0070, price \$13.00.

Diskette—Available from BEA: Product number IDN-0074, price \$20.00.

Foreign Direct Investment in the United States: Establishment Data for Manufacturing, 1988. (1994)

Publication—Available from BEA: Product number IPN-0069, price \$13.00.

Diskette—Available from BEA: Product number IDN-0073, price \$20.00.

11.4 Foreign Direct Investment in the United States: Establishment Data for 1987 (publication, diskette). Presents detailed results from linking BEA's data for foreign-owned U.S. business enterprises to the Census Bureau's data for the establishments (or plants) of those enterprises. Detailed estimates of the number, employment, payroll, and shipments or sales of foreign-owned U.S. establishments and, for comparative purposes, of all U.S. establishments are presented. Data are classified by detailed industry (four-digit SIC), by country of the ultimate beneficial owner of the investment, and by State. (1992) Available as follows:

Publication—Available from BEA: Product number IPN-0068, price \$36.00.

Diskette—Available from BEA: Product number IDN-0072, price \$20.00.

11.5 Foreign Direct Investment in the United States: Balance of Payments and Direct Investment Position Estimates, 1980–86 (publication). Contains estimates of the foreign direct investment position in the United States and balance of payments transactions between foreign parent groups and their U.S. affiliates for 1980–86. Includes estimates by country of foreign parent and industry of U.S. affiliate. Note that the data in this publication do not incorporate methodological changes made in June 1992 to the data for 1982 forward. (1990) Available from BEA: Product number IPN-0065, price \$5.00.

11.6 Foreign Direct Investment in the United States: Direct Investment Position and Related Capital and Income Flows (diskette). Annual estimates of the foreign direct investment position in the United States and selected capital and income flows between U.S. affiliates and their foreign parent companies. In June 1992, a number of methodological changes were made to the data on capital and income flows for 1982 forward. To the extent they could be carried to the detailed country and industry level presented, these changes have been incorporated in this item. Available from BEA:

Diskettes:

1987–95—Product number IDN-0067, price \$20.00.

1980–86—Product number IDN-0066, price \$20.00.

11.7 U.S. Business Enterprises Acquired or Established by Foreign Direct Investors, Supplementary Tables (diskette). The results of BEA's survey of new foreign direct investments in the United States. Summary tables appeared in the May 1995 SURVEY article. This set of supplementary tables contains additional detail for 1992–94 on the number of investments and investors, investment outlays, and selected operating data of the U.S. business enterprises acquired or established. (1995) Comparable tables for 1980–86 are also available. Available from BEA:

Diskettes:

1992–96—Product number IDN-0080, price \$20.00.

1980–91—Product number IDN-0078, price \$20.00.

*U.S. direct investment
abroad*

11.8 U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates (publication, diskette). The most detailed results of BEA's annual survey of the worldwide operations of U.S. multinational companies (only summary information appears in the SURVEY). Contains information on the financial structure and operations of both U.S. parent companies and their foreign affiliates.

Data are classified by country and industry of foreign affiliate and by industry of U.S. parent. Estimates from annual surveys are first released on a preliminary basis; revised estimates are released 1 year later. Available as follows:

U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates, Preliminary 1995 Estimates. (1997)

Publication—Available from GPO: Stock No. 003-010-00270-1, price \$9.00.

Diskette—Available from BEA: Product number IDN-0163, price \$20.00.

U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates, Revised 1993 Estimates. (1996)

Publication—Available from BEA: Product number IPN-0161, price \$11.00.

Diskette—Available from BEA: Product number IDN-0039, price \$20.00.

U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates, Revised 1992 Estimates. (1995)

Publication—Available from GPO: Stock No. 003-010-00253-1, price \$6.50.

Diskette—Available from BEA: Product number IDN-0038, price \$20.00.

11.9 U.S. Direct Investment Abroad: 1994 Benchmark Survey, Preliminary Results (publication, diskette). Preliminary results of BEA's 1994 benchmark survey of U.S. direct investment abroad. Benchmark surveys are BEA's most comprehensive surveys, both in terms of companies covered and information gathered. Presents a detailed account of U.S. direct investment abroad in 1994, including data on balance sheets; income statements; employment; employee compensation; U.S. merchandise trade; sales of goods and services; research and development expenditures; property, plant, and equipment; and taxes. Data are classified by country and industry of affiliate and industry of U.S. parent. (1997) Available as follows:

Publication—Available from GPO: Stock No. 003-010-00263-8, price \$14.00.

Diskette—Available from BEA: Product number IDN-0040, price \$20.00.

11.10 U.S. Direct Investment Abroad: Balance of Payments and Direct Investment Position Estimates, 1982-88 (publication). Contains estimates of the U.S. direct investment position abroad and balance of payments transactions between U.S. parent companies and their foreign affiliates for 1982-88. The data are presented by country and industry of affiliate. (1995) Available from BEA: Product number IPN-0042, price \$6.00.

11.11 U.S. Direct Investment Abroad: Direct Investment Position and Related Capital and Income Flows, 1982-96 (diskette). Annual estimates of the U.S. direct investment position abroad and selected capital and income flows between U.S. parent companies and their foreign affiliates. Available from BEA: Product number IDN-0137, price \$20.00. 